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PATENT

IN 08/991,143

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Bianca M. Conti-Fine      Examiner: Patrick J. Nolan  
Serial No.: 08/991,143      Group Art Unit: 1644  
Filed: December 16, 1997      Docket: 600.423US1  
Title: METHODS TO TREAT UNDESIRABLE IMMUNE RESPONSES

**SUPPLEMENTAL AMENDMENT**

**RECEIVED**

OCT 05 2001

TECH CENTER 1600/2900

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the "Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures" mailed August 28, 2001; please amend the above-identified patent application as follows:

**In the Specification**

Please enter the enclosed substitute SEQUENCE LISTING into the specification.

Please substitute the paragraph in the appendix entitled "Clean Version of the Paragraph Beginning at Line 18, Page 64" for the paragraph beginning at line 18, page 64 of the specification. Specific amendments to this paragraph are detailed in the following marked-up paragraph:

*F1*  
Peptide Synthesis and Characterization. Three peptides, 19-20 residues in length, corresponding to residues 150-169, 181-200 and 360-378 of the TAChR  $\alpha$  subunit (SEQ ID NO:3), were synthesized by methods described in Houghton (1985). An additional three 20 residue peptides were synthesized, corresponding to residues 271-290, 321-340, and 431-450 of diphtheria toxin (DTX). These peptides were shown to be highly and universally immunogenic for human CD4+ T cells (Yeh et al., 1990).

**Remarks**

This Amendment and the above-referenced substitute SEQUENCE LISTING are filed to conform the above-referenced application to the requirements of 37 C.F.R. §§ 1.821 - 1.825. In accordance with 37 C.F.R. § 1.821(e), a copy of the above-submitted substitute SEQUENCE LISTING in ASCII computer readable form is also submitted herewith. The contents of the paper version of the substitute SEQUENCE LISTING and the computer readable form being submitted herewith are the same and do not include new matter.